

Call for Papers
CIE EXPERT SYMPOSIUM
on
LED Light Sources:
- Physical Measurement and Visual and
Photobiological Assessment -

7-8 June, 2004

**AIST Tokyo Waterfront, National Institute of Advanced Industrial Science
and Technology
2-41-6, Aomi, Koto-ku, Tokyo 135-0064, Japan**

Organizing committee:

| | |
|--------------------|---------------|
| Goodman, Teresa | UK |
| Hermann, Christine | Austria |
| Kohmoto, Kohtaro | Japan |
| McFadden, Sharon, | Canada |
| Nakano Yasuhisa | Japan |
| Ohno, Yoshi | US |
| Sagawa, Ken | Japan (Chair) |
| Saito, Ichiro | Japan |
| Webb, Ann | UK |

Background

LED light sources are now widely used in illuminating engineering as well as in information technology and are expected to be one of the major light sources in our future life. Despite of the wide and rapidly growing use of LEDs, reliable methods for physical light measurement and visual and photobiological evaluation are still in question. The CIE organized two successful symposia on LEDs in 1997 and 2001. There are still yet many questions left unsolved such as measurement of partial flux and radiance, visual evaluation such as colour rendering, requirements for photobiological safety, and so forth. To discuss these issues, CIE Division 1 and Division 2 as well as Division 6 plan to hold a CIE symposium on LED light sources focusing on items in these areas covered by the Divisions. The meeting will be held at AIST (National Institute of Advanced Industrial Science and Technology) Tokyo Waterfront, Japan in June, 2004 with support from the Japanese National Committee of the CIE and AIST, Japan.

The Goal

To discuss and summarize the state of the art on questions concerning LED light sources (including individual LEDs and clusters of LEDs) in the areas of physical measurement of optical properties, visual evaluation of colour and brightness and other visual aspects, and photobiological safety. Lighting quality

of LED sources should also be included. The symposium outcomes will be used as recommendations for new work items in the Divisions.

Who should attend

This meeting is open to everyone with an interest in any aspect of LED technology. To insure adequate space and support, and to allow distribution and adequate review of relevant documents, earlier registration is recommended.

Call for papers

The two-day Symposium will feature Invited Papers and Contributed Papers. Ample time will be secured for round-table discussions. Poster session with a capacity of a several papers will be held also.

Call for contributed papers

Papers should deal with one of the following subjects:

- Physical measurement of radiometric properties of LED light sources
- Photometry and colorimetry of LED light sources
- Photometric standard LED light sources
- Color rendering of LED light sources
- Brightness evaluation of LED light sources
- Visual performance under illumination of LED light sources
- Photobiological evaluation of LED light sources
- Photobiological safety standard of LED light sources

Authors are invited to submit two page extended abstracts of their proposed contributions in English using the Submission Paper Form to be found at the WEB site of the Symposium:

[http:// www.cie.co.at/symp/symposia.html/](http://www.cie.co.at/symp/symposia.html/)

Extended abstracts should be sent **by e-mail or post** to the Chair of the Symposium **no later than 31 January 2004**.

Dr. Ken Sagawa: sagawa-k@aist.go.jp
AIST, 1-1-1 Higashi, Tsukuba, Ibaraki 305-8566, JAPAN

(Please do not fax, as the extended abstracts, if accepted, will be used to print the Abstract Booklet).

Authors will be notified of acceptance of their abstract by **1 March 2004**. Instructions for preparing camera-ready copy of papers will be forwarded to accepted authors. **Final camera-ready copy is due at the Symposium**. The proceedings of the Symposium will be made available after the meeting.

Accepted Symposium contributions will be pre-published for Symposium participants at the WEB site of the meeting.

Registration

Registration Forms can be found at the WEB site of the Symposium:

[http:// www.cie.co.at/symp/symposia.html](http://www.cie.co.at/symp/symposia.html)

Registration fee of the symposium will be:

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|--------------------------------|--|
| Without Symposium Proceedings: | EURO 300 (before 15 th March, 2004) |
| | EURO 350 (after 15 th March, 2004) |
| With Symposium Proceedings: | EURO 350 (before 15 th March, 2004) |
| | EURO 400 (after 15 th March, 2004) |

Deadline for early registration is 15th March 2004.

Registration fee should be sent to the CIE Central Bureau Bank Account:
04610-665-450 at BAWAG Landstrasser Hauptstrasse 60, A-1030 Wien,
Austria. VISA, Master Card, American Express credit card also honoured.

Because of limited capacity of the meeting room, there may be a limit of the number of participants accepted. The organising committee strongly recommends the early registration.

(Please indicate clearly *CIE Symposium on LED 2004* when making registration and payment to avoid a confusion with another CIE Symposium planned in 2004)

Further Information

The Symposium will start on Monday morning 7th June, 2004 in Tokyo.
There will be an official reception and a dinner party to honour our guests of the Symposium.

All further information and Registration Forms can be reached via WEB site of the Symposium:

[http:// www.cie.co.at/symp/symposia.html](http://www.cie.co.at/symp/symposia.html)

or for accommodation you will find information on hotels in Tokyo in the AIST WEB site for the symposium:

http://unit.aist.go.jp/humanbiomed/humed_en/index_en.htm

The Organizing Committee will not be able to give assistance in hotel booking questions, but on-line booking is possible in most hotels in Tokyo.

It is anticipated that a number of CIE Divisions and TCs will use the opportunity to hold a meeting. CIE Division 1 and Division 2 will hold their meetings after the Symposium together with TC meetings at or around the Symposium.